

FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/526,040		ATTY. DOCKET NO.: V0189.70013US01	
				FILING DATE: February 28, 2005		CONFIRMATION NO.: 2953	
				APPLICANT: Barb Ariel Cohen et al.			
				GROUP ART UNIT: Not Yet Assigned		EXAMINER: Not Yet Assigned	
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U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
CDP	A1*	5,491,068		Benjamin et al.	02-14-1996
	A2*	5,840,504		Blecher	11-24-1998
	A3*	6,362,008	B1	Kohn et al.	03-26-2002
	A4	4,622,295		Ikenaka et al.	11-11-1996

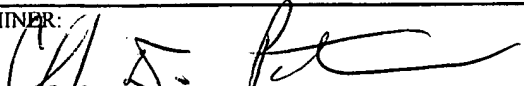
FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
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CHECK CDP	B1*	WO	97/21831	A1	University of Sunderland	06-19-1997	
	B2*	WO	98/54973	A1	Kansas State University Research Foundation	12-10-1998	
	B3*	WO	00/28319	A1	Quality Wheat CRC Limited	05-18-2000	
	B4*	WO	04/020970		VICAM, L.P.	03-11-2004	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
CDP	C1*	BELDEROK, B. Developments in bread-making processes. Plant Foods Hum Nutr; 55(1):1-86, 2000.		
	C2*	COLLADO et al. Accurate estimation of sweetpotato amylase activity by flour viscosity analysis. J. Agric. Food Chem. 47: 832-835, 1999.		
	C3*	CRC FOR QUALITY WHEAT PRODUCTS AND PROCESSES, Exploring CRC Research Agricultural Highlights: CRC for Quality Wheat Products and Processes: Gene research finds niche market. NO DATE.		
	C4*	CROSBIE, G.B. et al. The application of the flour swelling volume test for potential noodle quality to wheat breeding lines affected by sprouting. J. Cereal Science 18: 267-276, 1993.		
	C5*	CUATRECASAS, P. and ANFINSEN, C. Meth. Enzymol. 22: 351-378, 1971.		
	C6*	FOX, J.D. and ROBYT, J.F. Miniaturization of three carbohydrate analyses using a microsample plate reader. Anal Biochem 195(1): 93-96, 1991.		
	C7*	LINKO, Y-Y, et al. Starch conversion by soluble and immobilized alpha-amylase. Biotechnology and Bioengineering 18: 153-165, 1975.		

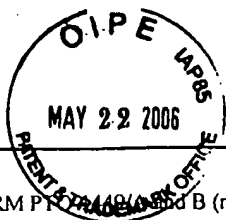
C8*	MANELIUS, R. et al. The effect of Ca ²⁺ ions on the alpha-amylolysis of granular starches from oats and waxy-maize. J. Cereal Science 24: 139-150, 1996.		
C9*	MEGAZYME INTERNATIONAL IRELAND LTD., Megazyme, Amylzyme Alpha-Amylase Assay Procedure: for the measurement of cereal and microbial alpha-amylases. 1-20, 1998.		
C10*	MOLECULAR PROBES INC. Detecting Glycosidases. Handbook of Fluorescent Probes and Research Chemicals Section 10.2: 1-14, 1996.		
C11*	MOLECULAR PROBES, INC. EnzChek™ amylase assay kit (E-11954) Product Information. MP-11954, 1999 and revised 2001.		
C12*	NO AUTHORS LISTED, Measuring enzyme activity. Lallemand Baking Update 1(15): 1-et seq, 1996.		
C13*	NO AUTHORS LISTED, Standardizing enzyme levels in flour. Lallemand Baking Update 1(15): 1-et seq, 1996.		
C14*	RANI, K.U. et al. Distribution of enzymes in wheat flour mill streams. J. Cereal Science 34: 233-242, 2001.		
C15*	RINDERKNECHT, H. et al. A new method for the determination of alpha-amylase. Experientia 23(10): 805, 1967.		
C16*	WONG, D.W.S. et al. Microassay for rapid screening of alpha-amylase activity. J. Agric. Food Chem. 48: 4540-4543, 2000.		
C17*	YANG, S-S. et al. Protease and amylase production of Streptomyces rimosus in submerged and solid state cultivations. Bot. Bull, Acad. Sin. 40: 259-265, 1999.		
C18*	SANDSTEDT, R. M. et al., A Standardized Wohlgemuth Procedure for Alpha-Amylase Activity. Department of Agricultural Chemistry, University of Nebraska, Annual Meeting: 712-723, 1939.		
C19*	INSTITUTE OF MEDICINE FOOD CHEMICALS CODEX, 4 th Edition, pages 1451-1454, 2000.		

EXAMINER: 	DATE CONSIDERED: 8/31/2006
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*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 10/230,969, filed August 29, 2002, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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FORM PTO/BD/019 B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/526,040		ATTY. DOCKET NO.: V0139.70013US01	
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U.S. PATENT DOCUMENTS

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		Number	Kind Code		
CDP	A5	4,144,306	A	Figueras et al.	03-13-1979
↓	A6	7,018,805	B2	Barb A. Cohen	03-28-2006

FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
CDP	B5	DE	30 26 490	A1	Roehm GMBH	02-04-1982	Abstract
	B6	JP	08 084599	A	Nisshin Flour Milling Co. Ltd	04-02-1996	Abstract
↓	B7	GB	2 308 189	A	University of Sunderland	06-18-1997	Abstract

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CDP	C20	CHANG, S-Y. et al., Hydrolysis of wheat strach and its effects on the fallign number procedure: Experimental observations. J of the Sci and Food of Agric. 1999 Jan; 79(1):19-24.	
	C21	HENRY, R.J. Rapid alpha-amylase assays for assessment of pre-harvest sprouting damage in wheat. J of the Sci. of Food and Agric. 1989; 49(1):15-23.	
	C22	MALACINSKI, G.M. Determination of mammalian serum -amylase levels with a radioactive-substrate assay. Am J Clin Pathol. 1971 Nov;56(5):623-6.	
	C23	MARSILI, R.T. et al., Alpha-amylase assay and action pattern determination using radioactive substrate, HPLC, and a radioactive flow detector. J of Agric and Food Chem., Am. Chem Soc. 1987; 35(3): 304-308.	
	C24	PERTEN, H. Determination of fungal alph-amylase activity by the falling number 30 method. Cereal Foods World, Amer Assoc of Cereal Chemists. 1989; 34(9):759.	
↓	C25	ZHANG, Z. et al., Amylase substrate based on fluorescence energy transfer. Analytica Chimica Acta. 1990 Sept; 236(2):251-6.	

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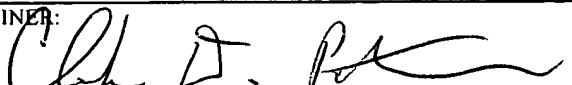
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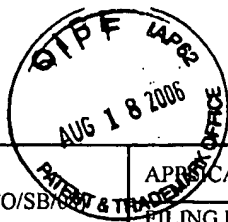
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col	C26	PAYRE, N. et al. Chemoenzymatic synthesis of a modified pentasaccharide as a specific substrate for a sensitive assay of α -amylase by fluorescence quenching. Angew. Chem. Int. Ed. Engl. 1995; 34(11):1239-1241.	

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CDF	C27	COTTAZ, S. et al., A fluorescence-quenched chitopentase for the study of endo-chitinases and chitobiosidases. Eur J Biochem. 2000 Sep;267(17):5593-600.	

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